

PolePosition

the open source database benchmark

<http://www.polepos.org>

Participating teams

db4o

the open source object database for Java and .NET

<http://www.db4o.com>

HXTT Access

lightweight 100% Java engine for Microsoft Access version from 95, 97, 2000, XP, 2002, to 2003

<http://www.hxtt.com/access.html>

MySQL

the world's most popular open source database

<http://www.mysql.com>

Mckoi

an open source Java SQL database system

<http://mckoi.com/database/>

Derby

the Apache Derby project

<http://incubator.apache.org/derby/>

HSQldb

lightweight 100% Java SQL database engine

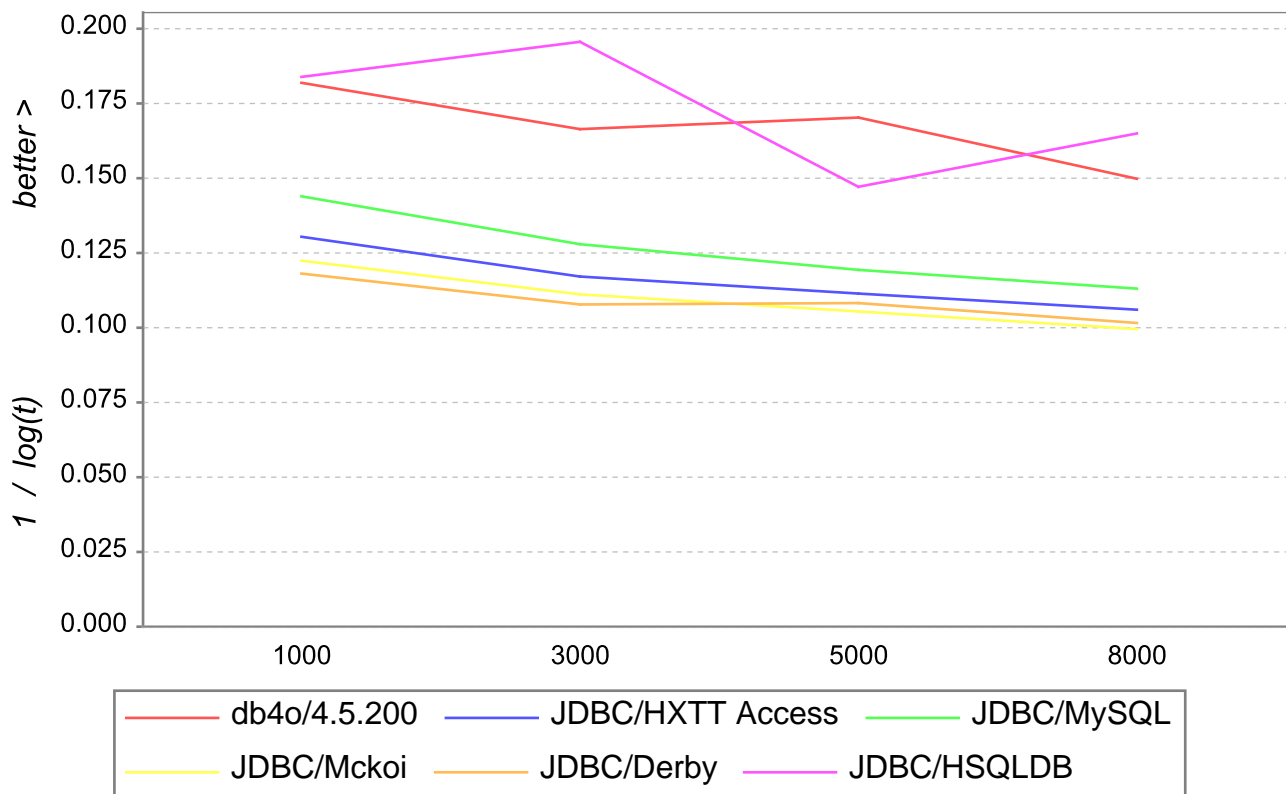
<http://hsqldb.sourceforge.net/>

Circuit: Barcelona

writes, reads, queries and deletes objects with a 5 level inheritance structure

Lap: write

t [time in ms]	selects:100 objects:1000	selects:80 objects:3000	selects:60 objects:5000	selects:50 objects:8000
db4o/4.5.200	244	407	355	792
JDBC/HXTT	2138	5107	7902	12476
JDBC/MySQL	1040	2481	4354	6928
JDBC/Mckoi	3526	8069	13146	23043
JDBC/Derby	4754	10700	10290	18847
JDBC/HSQldb	230	166	895	429

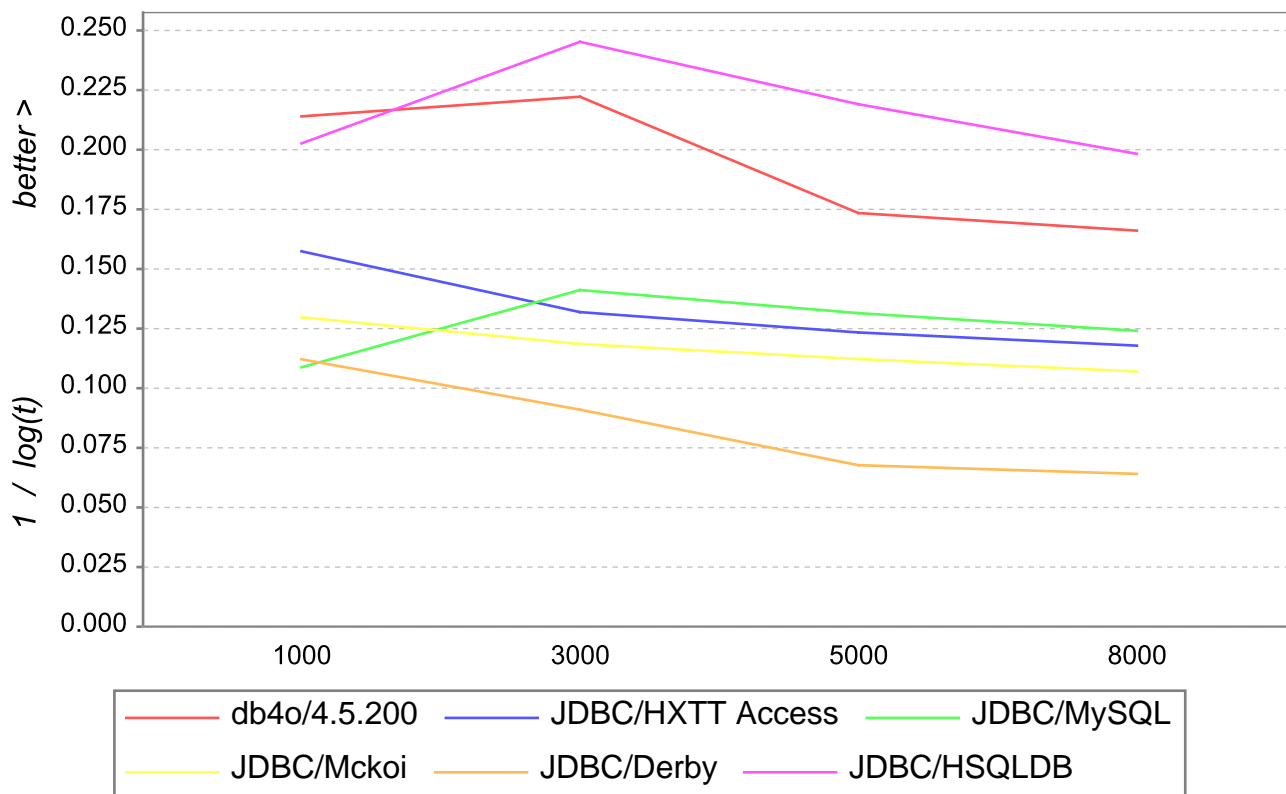


Circuit: Barcelona

writes, reads, queries and deletes objects with a 5 level inheritance structure

Lap: read

t [time in ms]	selects:100 objects:1000	selects:80 objects:3000	selects:60 objects:5000	selects:50 objects:8000
db4o/4.5.200	107	90	319	412
JDBC/HXTT	574	1960	3311	4845
JDBC/MySQL	9849	1192	2008	3162
JDBC/Mckoi	2225	4606	7405	11422
JDBC/Derby	7461	59083	2585429	5997613
JDBC/HSQldb	139	59	96	155

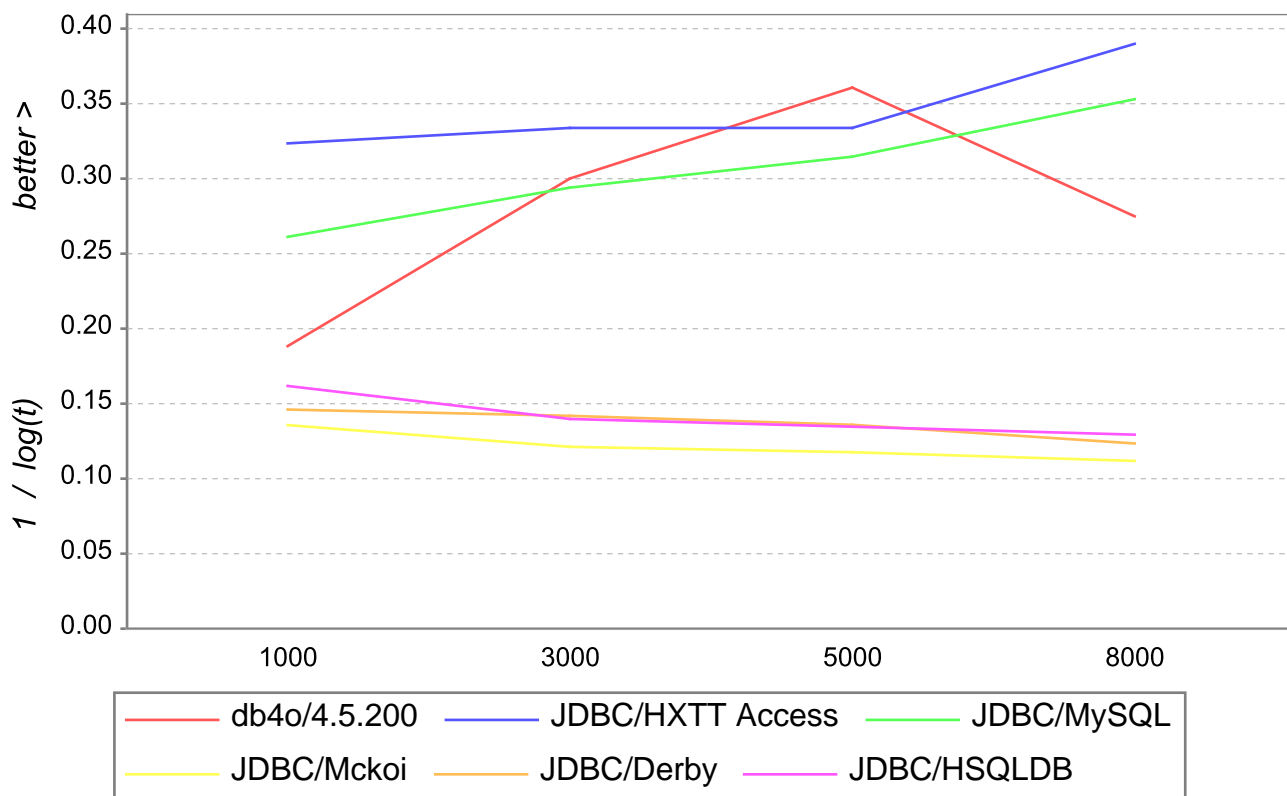


Circuit: Barcelona

writes, reads, queries and deletes objects with a 5 level inheritance structure

Lap: query

t [time in ms]	selects:100 objects:1000	selects:80 objects:3000	selects:60 objects:5000	selects:50 objects:8000
db4o/4.5.200	202	28	16	38
JDBC/HXTT	22	20	20	13
JDBC/MySQL	46	30	24	17
JDBC/Mckoi	1585	3820	4913	7642
JDBC/Derby	940	1150	1567	3290
JDBC/HSQldb	483	1278	1680	2278



Circuit: Barcelona

writes, reads, queries and deletes objects with a 5 level inheritance structure

Lap: delete

t [time in ms]	selects:100 objects:1000	selects:80 objects:3000	selects:60 objects:5000	selects:50 objects:8000
db4o/4.5.200	623	680	724	1324
JDBC/HXTT	917	2387	4100	7228
JDBC/MySQL	912	2702	4361	7009
JDBC/Mckoi	3016	7856	12061	20648
JDBC/Derby	1809	4901	12562	17452
JDBC/HSQldb	81	124	213	329

